**Shortlisting of buildings in Delhi for making them quakeproof**

3138. SHRI VEDPRAKASH P. GOYAL:
SHRI VIJAY J. DARDA:

Will the Minister of HOME AFFAIRS be pleased to state:

(a) whether it is a fact that Government have shortlisted some important buildings to protect from earthquake and plans to make them quake-proof in Delhi;

(b) if so, the details thereof;

(c) whether Government are doing this at State levels also; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS (SHRI S. REGUPATHY): (a) to (d) A pilot study of five buildings in Delhi has been undertaken for assessing their seismic safety status, and if found necessary, to retrofit them to upgrade their seismic strength to the desired performance level of safety. These buildings are the Players Building housing the Delhi Secretariat, the Police Headquarter building at ITO, the Guru Teg Bahadur Hospital, the Ludlow Castle School and the office complex of the Divisional Commissioner of the Govt. NCT of Delhi. The pilot project would provide a model for seismic safety evaluation and retrofitting of existing seismically deficient buildings which can be replicated in Delhi as well as in other States/Union Territories. The knowledge gained through this pilot project may be disseminated through training programmes for engineers of the Central and State Governments.

**Potential of wind energy in Kerala'**

3139. PROF. P.J. KURIAN: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the total potential of wind energy in Kerala;

(b) the quantity tapped so far with details thereof; and

(c) the steps taken to exploit the total potential?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) The gross wind power potential in Kerala has been estimated at about 875 MW. The present exploitable potential, which is limited by availability of grid capacity, is about 610 MW.

(b) A demonstration wind power project of 2 MW installed capacity was set up at Kaniikode, Pallakad district in the State.

(c) Wind Resource Assessment Studies in 25 locations in Kerala have indicated potential for setting up wind power projects at sixteen locations, which have wind power density of 200 watt per square metre or more. The Government of India promotes setting up of commercial wind power projects in the country including in the State of Kerala by providing incentives such as concessional import duty for wind electricity generator sub-systems, excise duty exemption, ten years tax hoilday on power projects, benefit of accelerated depreciation and term loan from Indian Renewable Energy Development Agency (IREDA) and other financial institutions and Wind Resource Assessment Studies. However, commercial wind farm projects have not come up in the State of Kerala. Setting up of commercial wind power projects is private sector driven and the level of deployment depends upon the investor confidence in the State.

**Companies producing wind energy**

3140. SHRI C. RAMACHANDRAIAH: Will the Minister of NON-CONVENTIOANL ENERGY SOURCES be pleased to state:

(a) what is the installed capacity of wind energy in the country, State-wise;

(b) what are the names of companies who are producing wind energy with installed capacity;

(c) whether Government are encouraging the setting up of wind power projects and is giving incentives; and

(d) if so, the details in this regard?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR):